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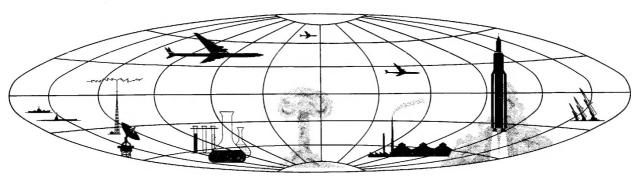
> NPIC/R-1373/63 July 1963

PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX

MISSION 25X1C 3 JUNE 1963





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GROUP | Excluded from automatic dewngrading and declassification

WARNING

This document contains information affecting the national defense of the United States, within the meaning of Title 18, sections 795 and 794, of the U.S. Code, as amended. Its transmission or revelation of its contents to or receipt by an unauthorized person is prohibited by law.

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PHOTOGRAPHIC INTERPRETATION REPORT

MISSION COVERAGE INDEX

MISSION 25X1C

3 JUNE 1963

NPIC/R-1373/63 July 1963

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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PREFACE

This <u>Mission Coverage Index</u> (MCI) furnishes a listing of items of intelligence interest covered by aerial photographic material from CHURCH DOOR Mission

25X1C

dated 3 Jun 1963 and

The listing provides the latest description based on photographic interpretation

for each target covered by the mission except for those targets in which no

25X1C

for each target covered by the mission, except for those targets in which no significant change was noted. Items in the listing are arranged by WAC area and, within the WAC area, by coordinates, reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the recipient, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed by category and, within the category, alphabetically by place name.

25X1C

The recipient of this MCI is cautioned that the scan of photography from Mission was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although the information presented herein is essentially accurate, additional detailed analysis may somewhat alter portions of the information.

25X1C

Mission provided photographic coverage in China.

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City, Installation

NPIC/R-1373/63 Installation Numbers

WAC

City, Inner II at	1 6 1		Installatio	on Numbers
City, Installation	Coordinates	WAC	BE	NPIC
-CHINA- LIN-HO AREA, STORAGE AREA .5 NM SOUTH OF LIN-HO. AREA CONTAINS 3 SECURED WAREHOUSES (EACH 300 X 80 FT), AT LEAST 200 SMALL RESIDENTIAL	4046N 10720E	Ø288	9	25
SHAN-PA AIRFIELD 2 NM SSE OF SHAN-PA. AIRFIELD SITE UNDER CULTIVATION.	4054N 10714E	Ø288	25X1A	15
X2		- 0		
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		_		

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		_	lingtes	WAC	Installatio	n Numbers
-	City, Installation	Coord	inares	WAC	BE	NPIC
1D	TU-KO-MA-CHING AREA, TEST RANGE 4.9 NM WEST OF TU-KO-MA-CHING. NO APPARENT CHANGE SINCE	4Ø51N	10941E	Ø288	25X1A	18
D	COMPLEX, SITUATED ON PEIPING—LAN—CHOU RAILROAD LINE APPROXIMATELY .85 NM WEST OF KUEI—SUI, COMPRISES 4 MAJOR AREAS APPROXIMATELY .90 SQ MI IN AREA. PAO—TOU PROPER COMPRISES THE OLD CITY, AIRFIELD, RAILROAD YARDS, AND SMALL INDUSTRIES. ALUMINUM PLANT AND SUGAR MILL AREA IS SITUATED 8 NM EAST OF OLD CITY. INDUSTRIAL AND HOUSING AREA WITH POWER PLANT, 2 LARGE HEAVY FABRICATION INDUSTRIES, TEXTILE PLANT, RAILROAD REPAIR FACILITIES, AND SMALL INDUSTRIES IS SITUATED 9 NM NW OF OLD CITY. IRON AND STEEL COMPLEX AREA WITH POWER PLANT, COKE PLANT, BLAST FURNACES, OPEN HEARTHS, FABRICATION PLANTS, MISCELLANEOUS ASSOCIATED INDUSTRIES, AND NUMEROUS PLANTS UNDER CONSTRUCTION IS SITUATED 14 NM WNW OF OLD CITY. SEVERAL MINES IN OPERATION OBSERVED NORTH AND WEST OF COMPLEX.	4Ø36N	11001E	Ø288		13-6
D ,	YEN-KUD:HYDROELECTRIC POWER PLANT: 20 NM WEST OF LAN-CHOU IN YEN-KUD:GORGE. NO EVIDENCE OF POWER GENERATION OBSERVED ON	36Ø1N	1Ø315E	Ø383		30
ID _	SCAFFOLDING AND COFFERDAM FOR SPILLWAY TAILRACE APRON REPAIRS, REPORTED IN					

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-		C 11 .	WAG	Installatio	n Numbers
1	City, Installation	Coordinates	WAC	BE	NPIC
25X1D	NOT IN PLACE. WATER OBSERVED FLOWING IN VOLUME THROUGH 4 OF 6 GATES. NO INDICATION OF WATER FLOW THROUGH POWER PLANT SECTION OF DAM OBSERVED. NO SIGNIFICANT CHANGE OBSERVED IN GENERATOR HALL CONSTRUCTION, REPORTED 50 PER CENT COMPLETED			25X1A	
25X1D	LAN-CHOU COMPLEX COMPLEX, INDUSTRIAL AND TRANSPORTATION CENTER APPROXIMATELY 3Ø SQ MI IN AREA ON SOUTH BANK OF HUANG HO (RIVER), COMPRISES RAILROAD YARDS AND SHOPS, LARGE PETROLEUM REFINERY, ALUMINUM PLANT, LARGE CHEMICAL PLANT, THERMAL ELECTRIC POWER PLANT, NUMEROUS OTHER INDUSTRIES, AND SEVERAL MILITARY BARRACKS AREAS.	3602N 10348E	Ø383		3-A
25X1D	LAN-CHOULHASA, RAILROAD UNDER CONSTRUCTION RAILROAD LINE, OBSERVED FROM LAN-CHOU TO APPROXIMATELY 36-16N 102-58E, APPARENTLY COMPLETED SINGLE TRACK.	:36Ø7N 1Ø325E	Ø383	25X1A	29
25X2		3607N 10329E	Ø383		3-0

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	City, Installation	Coordinates	WAC	Installati	on Numbers
	3.177 112.10.110.11	Coordinates	"AC	BE	NPIC
25X1D	COOLING TOWERS NOT IN OPERATION. SCRAPING ACTIVITY AND OPEN-BED TRUCKS OBSERVED NNE OF T-SHAPED CONTROL BUILDINGS. TWO NEW POWER LINES IN EARLY STAGE OF CONSTRUCTION (EXCAVATIONS FOR FIRST 2 TOWERS ALONG EACH LINE) OBSERVED WEST OF ELECTRIC SUBSTATION.	,			
25X1D	HO-KOU AREA, BARKACKS-AREA 2 NM WSW OF HO-KOU. PROBABLE WORKERS HOUSING COMPOUND CONTAINS 8Ø BUILDINGS. NO MILITARY ACTIVITY OBSERVED.	3608N 10321E	Ø383		35
	PAI-YIN-CHANG COPPER COMBINE 42 NM NNE OF LAN-CHOU. RAIL-SERVED COPPER COMBINE, APPARENTLY IN FULL OPERATION, COMPRISES ORE CONCENTRATION PLANT, FLOTATION CELLS, ORE THICKENERS, POWER PLANT, PROBABLE ELECTROLYTIC REFINING AREA, INDUSTRIAL EXPLOSIVES PLANT, AND SECURED EXPLOSIVES STORAGE AREA. INDUSTRIAL EXPLOSIVES PLANT AREA, IMMEDIATELY EAST OF COPPER PROCESSING AREA, CONTAINS 4 LARGE AND NUMEROUS SMALL STORAGE TANKS, SMALL POWER PLANT, CHEMICAL WORKS, 13 REVETTED BUILDINGS, AND 11 RAILROAD TANK CARS. NUMEROUS CATWALKS OBSERVED BETWEEN BUILDINGS. SECURED EXPLOSIVES STORAGE AREA, 2,800 FT NORTH OF EXPLOSIVES PLANT, CONTAINS 13 RAIL— SERVED REVETTED BUILDINGS. HOUSING AND ADMINISTRATIVE AREA WITH APPROXIMATELY 1,000 BARRACKS-TYPE BUILDINGS OBSERVED SOUTH OF COPPER PROCESSING AREA.	3635N 10412E	Ø383		3-C

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NPIC/R-1373/63 Installation Numbers

	City, Installation	Coordinates	WAC	BE	NPIC
25X1D	PAI-YIN-CHANGCHING-YUAN, RR U/C RAIL LINE UNDER CONSTRUCTION FROM PAI-YIN-CHANG COPPER COMBINE (36-35N 104-12E) TO APPROXIMATELY 36-39N 104-42E. RAILROAD BED	3635N 10412E	Ø383		3-01
25X1D	IS DISCERNIBLE. HOWEVER, NO TRACKAGE, BRIDGES, OR TUNNELS HAVE BEEN CONSTRUCTED. NO EQUIPMENT OR ACTIVITY OBSERVED, AND CONSTRUCTION APPARENTLY SUSPENDED.	3638N 10436E	Ø383		23
25X1D	CHING-YUAN AREA, RAILROAD BRIDGE U/C 1.8 NM WNW OF CHING-YUAN. SIX PIERS AND 2 ABUTMENTS OBSERVED AT SITE OF APPROXIMATELY 1,500 FT LONG RAILROAD BRIDGE UNDER CONSTRUCTION OVER HUANG HO (RIVER). BRIDGE CONSTRUCTION APPARENTLY SUSPENDED WITH NO EVIDENCE OF RECENT CONSTRUCTION ACTIVITY/EQUIPMENT OBSERVED AT SITE:	30301 12:332			
25X1D	CHING-YUAN AREA, POWER PLANT 2 NM EAST DE CHING-YUAN. SMALL POWER PLANT IS PROBABLY ASSOCIATED WITH NEARBY UNIDENTIFIED SMALL INDUSTRY.	3639N 10441E	9383		22-A
]	CHING-YUAN AREA, MILITARY AND STORAGE AREA 9.8 NM.NE DE CHING-YUAN. AREA COMPRISES WALLED MILITARY CAMP WITH 16 BARRACKS, 6 ADMINISTRATIVE BUILDINGS, AND MESS HALL, AND 2 WALLED STORAGE AREAS WITH A TOTAL OF 19 STORAGE BUILDINGS. NUMEROUS WORKERS HOUSING BUILDINGS OBSERVED	.3642N 10448E	Ø383 [°]		22-C
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	City, Installation	Coordinates	WAC	Installati	on Numbers
			***	BE	NPIC
25X1D	IN AREA. CHING-YUAN AREA, MINING CAMP 9 NM NE OF CHING-YUAN. CAMP COMPRISES 6 SMALL COKE OVENS, ORE CRUSHER, POSSIBLE THERMAL ELECTRIC POWER	3642N 1 044 9E	ø383		22-B
25X1D	PLANT, AND WORKERS HOUSING.			:	
25X1D	CHUNG-WEI SAM SITE NEWLY IDENTIFIED SA-2 SURFACE-TO-AIR MISSILE (SAM) SITE 21 NM NORTH OF CHUNG-WEI, 59 NM SW OF NING-HSIA, AND 132 NM NNE OF LAN-CHOU AT APPROXIMATELY 37-54N 105-17E. SIX LAUNCH POSITIONS, 2 MISSILE-HOLD POSITIONS, AND GUIDANCE POSITION OBSERVED. THE QUALITY OF THE PHOTOGRAPHY PRECLUDES THE IDENTIFICATION OF LAUNCH OR ELECTRONICS EQUIPMENT. OPERATIONAL STATUS OF THE SITE CANNOT BE DETERMINED. POSSIBLE BARRACKS/STORAGE AREA OBSERVED ON THE PERIMETER OF A LOOP ROAD JUST SOUTH OF SITE.	3754N 10517E	Ø383		43
25X1D	WEI-CHOU AREA, LANDING STRIP ONE NM NE OF WEI-CHOU. 2,800 X 150 FT WSW/ENE GRADED EARTH LANDING STRIP, SERVICEABILITY UNDETERMINED. AIRCRAFT NONE OBSERVED.	3719N 10627E	Ø383		4 2

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Installation Numbers

• [City, Installation	Coor	dinates	WAC	BE	NPIC	
	CHIN-CHI AREA, HYDROELECTRIC POWER PROJECT 8.5 NM SW OF CHIN-CHI IN CHING-TUNG GORGE ON	3755N	10600E	Ø383		6 - C	
25X1D 25X1D 25X1D	PROJECT COMPRISES APPROXIMATELY 1,300 1 DAIL UNDER CONSTRUCTION, PROBABLY COMPLETED POWER HOUSE FOUNDATIONS, AND FOUNDATION AND FOOTINGS FOR GENERATORS (PROBABLY 8). EXTENSIVE HOUSING, SUPPORT, AND CONSTRUCTION FACILITIES OBSERVED DOWNSTREAM FROM 25X1D CONSTRUCTION SITE. PING-LO AREA, INDUSTRIAL CONSTRUCTION 5 NM NW OF PING-LO. RAIL-SERVED INDUSTRIAL CONSTRUCTION COMPRISES LARGE TRANSFORMER SUBSTATION, 350 X 45 FT POSSIBLE COKE OVEN, AND POSSIBLE QUENCHING TOWER UNDER CONSTRUCTION. POOR IMAGE QUALITY PRECLUDES FURTHER INTERPRETATION. APPROXIMATELY 100 BARRACKS-TYPE BUILDINGS OBSERVED .5 NM SE OF CONSTRUCTION SITE. SHIH-TSUI-TZU AREA, LANDING STRIP 9 NM SSE OF SHIH-TSUI-TZU. 2,500 X 120 FT NW/SE GRADED EARTH LANDING STRIP, PROBABLY SERVICEABLE.		10625E	Ø383		41 41-E	
						SECI	RE

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	City, Installation	Coo	rdinates	WAC	Installat	on Numbers
					BE	NPIC
25X1D	SHIH-TSUI-TZU AREA, IRON & STEEL COMPLEX U/C 7 NM SOUTH OF SHIH-TSUI-TZU. COMPLEX COMPRISES 3 LARGE COAL MINES, COKE BATTERY, LARGE THERMAL ELECTRIC POWER PLANT, 6 SMALL SCALE BLAST FURNACES (3 COMPLETED), INDUSTRIAL EXPLOSIVES PLANT WITH STORAGE AREA, POL STORAGE AREA WITH 4 LARGE AND 6 SMALL STORAGE TANKS, AND NUMEROUS RESIDENTIAL BUILDINGS UNDER CONSTRUCTION. 25X1D	. 3907N	1 0 638E	Ø383		41 -B
25X1D	SHIH-TSUI-TZU AREA, MINING COMPLEX APPROXIMATELY 20 NM WSW OF SHIH-TSUI-TZU. RAIL-SERVED COMPLEX, 5 SQ MI IN AREA, COMPRISES APPROXIMATELY 200 RESIDENTIAL BUILDINGS, THERMAL ELECTRIC POWER PLANT AND SUBSTATION, AND NUMEROUS SMALL MINES. 25X1D	39Ø8N	10619E	Ø383		41-A
25X1D	SHIH-TSUI-TZU AREA, PROB IRON ORE COMPLEX WNW 8 NM WNW OF SHIH-TSUI-TZU. EXTENSIVE, RAIL-SERVED, PROBABLE IRON ORE MINING COMPLEX COMPRISES MOTOR POOL WITH OVER 100 VEHICLES, RAILROAD YARD, AND 2 HOUSING AREAS WITH APPROXIMATELY 250 BUILDINGS. 25X1D	3919N	10636E	Ø383		41-C
25X1D	SHIH-TSUI-TZU AREA, PROB IRON ORE COMPLEX NE 11 NM:NE OF SHIH-TSIU-TZU. RAIL-SERVED PROBABLE IRON ORE MINING COMPLEX COMPRISES ORE CONCENTRATION PLANT:UNDER CONSTRUCTION, RAILROAD YARD, AND HOUSING AREA.	3924N	1Ø653E	Ø383		41-D

110 10	REIGN DISSEM				Installation	
	City, Installation	Coord	inates	WAC	BE	NPIC
	25X1D					
					25X1A	
	TIEN-SHUI AIRFIELD 7 NM ESE OF TIEN-SHUI	3434N	1Ø551E	Ø384		12
D	AIRFIELD APPARENTLY ABANDONED. AIRCRAFT NONE OBSERVED.					
	PAG-CHI AREA, POSSIBLE AMMUNITION STORAGE 15 NM SW OF PAG-CHI.	3413N	1Ø654E	Ø384 :		9-0
1D	NO APPARENT CHANGE SINCE				25X1A	
	PAO-CHI COMPLEX COMPLEX, APPROXIMATELY 9 SQ MI IN AREA,	3423N	1Ø7Ø9E	Ø384		9-1
ļ	COMPRISES RAILROAD CLASSIFICATION YARD WITH REPAIR SHOPS (APPROXIMATELY 40 FREIGHT/TANK CARS OBSERVED IN YARD). LARGE FABRICATION-TYPE					
	INDUSTRY WITH 7 MONITOR-ROOF BUILDINGS, AND APPROXIMATELY 45 ASSOCIATED BUILDINGS, AND LARGE ASSOCIATED HOUSING/ADMINISTRATIVE AREA,					
	THERMAL ELECTRIC PLANT WITH LARGE COOLING TOWER, SEVERAL LIGHT INDUSTRIES, AND STORAGE AREAS.					
X1D		3425N	10716E	Ø384		9-
K1D	PAO-CHI AREA, POL STORAGE 6.5 NM ENE OF PAO-CHI. NO APPARENT CHANGE SINCE	94271	121201			
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	City, Installation	Coo	rdinates	WAC	Installati	on Numbers
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	HU-HSIEN AREA, EXPLOSIVES PLANT: 4.5 NM SSE OF HU-HSIEN. RAIL-SERVED PLANT CONTAINS APPROXIMATELY 105 BUILDINGS (4 REVETTED). SECURED STORAGE AREA WITH 4 SMALL REVETTED AND ONE SMALL ASSOCIATED BUILDING OBSERVED	34Ø2N	1Ø837E	Ø384		5-8
25X1D	FACILITY OBSERVED IMMEDIATELY SOUTH OF PLANT.				25X1A	
25X1D	HSI-AN THERMAL POWER PLANT 3 HU-HSIEN 5 NM SSE OF HU-HSIEN. ACTIVE, RAIL-SERVED, LARGE THERMAL ELECTRIC POWER PLANT COMPRISES GENERATOR HALL, BOILER HOUSE, 3 LARGE COOLING TOWERS, TRANSFORMER YARD, AND ONE STACK.	34Ø6N	1Ø837E	Ø384		5-A
25X1D	HU-HSIEN AIRFIELD 2.2 NM NORTH OF HU-HSIEN. 5,225 X 200 FT ENE/WSW RUNWAY, PROBABLE ASPHALT, SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY CONNECTED BY 4 LINK CROSSOVERS, PARALLEL PARKING APRON, APPROXIMATELY 29 REVETTED HARDSTANDS (NE SIDE OF RUNWAY), ONE HANGAR, AND APPROXIMATELY 22 ASSOCIATED BUILDINGS. AIRCRAFT 3 CAB, 12 CRATE, 7 PROBABLE COLT, AND 14 UNIDENTIFIED AIRCRAFT	3409N	1Ø836E	Ø384	25X1A	5
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City, Installation	Coordinates	WAC	BE .	NPIC
25X2				
f 16-				
* (25X1A	
1			25X IA	
HSI-AN AIRFIELD	3416N 1Ø8	54E Ø384		3-
SW EDGE DE HSI-AN. 6,000 X 80 FT NE/SW RUNWAY. PROBABLE CRUSHED				,
POCK. SERVICEARIE.				
FACILITIES INCLUDE PARALLEL TAXIWAY WITH 3 LINK CROSSOVERS, OPERATIONS BUILDING/CONTROL				
TOWER, 2 HANGARS, AND NUMEROUS ASSUCTATED				
BUILDINGS. AIRCRAFT 7 COLT.			25X1A	
			23/1/	1.2
WU-KUNG AIRFIELD	3417N 108	15E Ø384		13
8.5 NM ESE OF WU-KUNG. 8,200 X 250 FT E/W CONCRETE RUNWAY,				
SERVICEARIE.				
FACILITIES INCLUDE 42 HARDSTANDS, PARALLEL TAXIWAY CONNECTED BY 5 CROSSOVER LINKS, 2				
SECURED POL STORAGE AREAS (ONE IMMEDIATELY SOUTH OF WEST END AND THE OTHER IMMEDIATELY				
COUTH OF EAST END OF RUNWAY). AND				
ADMINISTRATIVE AND HOUSING AREA IMMEDIATELY SOUTH OF RUNWAY.				
CECHEEN AMMINITIONS STORAGE AREA WITH 6 LAKGE				
AND 4 SMALL REVETTED BUILDINGS OBSERVED 1.5 NM WEST OF AIRFIELD.	1			
UNIDENTIFIED INDUSTRIAL CONSTRUCTION ACTIVITY,				
NEW SINCE THE THE STATE AND HOUSING				
AREA AND SOUTH OF RUNWAY. AIRCRAFT 2 BADGER, 11 BULL, AND 24 SINGLE-				
ENGINE UNIDENTIFIED AIRCRAFT.				

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	City, Installation	Coordinates	WAC	WAC Installation	
				BE	NPIC
25X1D	HSI-AN COMPLEX COMPLEX, APPROXIMATELY 27 SQ MI IN AREA AND COVERED BY 100 PER CENT CLOUD-FREE PHOTOGRAPHY, COMPRISES 2 RAIL CLASSIFICATION YARDS (ONE IN NE SECTOR OF TOWN WITH APPROXIMATELY 300 FREIGHT/TANK CARS AND THE OTHER IN THE WNW SECTOR WITH REPAIR SHOPS AND APPROXIMATELY 195 FREIGHT/TANK CARS); AMMUNITION PLANT WITH STORAGE AREA, UNIVERSITY, LARGE THERMAL POWER PLANT IN WESTERN SECTOR OF COMPLEX, PROBABLE AIR FORCE TRAINING SCHOOL IMMEDIATELY EAST OF HSI-AN AIRFIELD WITH AT LEAST 4 AIRCRAFT MOCK-UPS,	3417N 1Ø857E	Ø384 .	25X1A	3.
25X1D	POL STORAGE AREA, NUMEROUS GOVERNMENTAL, COMMERCIAL AND RESIDENTIAL-TYPE BUILDINGS, AND SEVERAL HEAVY AND LIGHT INDUSTRIES. HSING-PING AREA, AIRCRAFT PARTS PLANT 3 NM WSW OF HSING-PING.	3418N 1Ø825E	Ø 384		35
25X1D	PLANT COMPRISES 2 LARGE, RAIL-SERVED, ASSOCIATED AREAS, ONE WITH THERMAL POWER PLANT AND SUBSTATION, 26 MONITOR-ROOF BUILDINGS, AND APPROXIMATELY 50 ASSOCIATED BUILDINGS, AND THE OTHER, SECURED BY MOAT AND IMMEDIATELY WEST OF FIRST AREA, WITH 13 MONITOR-ROOF AND APPROXIMATELY 20 ASSOCIATED BUILDINGS. HOUSING AREAS OBSERVED IMMEDIATELY NORTH OF EACH AREA.				

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	Co. Las II e	Coordinates	WAC	Installatio	n Numbers
	City, Installation	Coordinates	WAC	BE	NPIC
25X1D	HSIEN-YANG AREA, COMMUNICATIONS SITE 5.8 NM NW OF HSIEN-YANG. WALL-SECURED, OVAL-SHAPED COMMUNICATIONS SITE CONTAINS 24 LARGE LATTICE AND NUMEROUS SMALLER TOWERS DISPERSED IN OVAL PATTERN, 3 COOLING PONDS, 3 CONTROL BUILDINGS, PROBABLE	3423N 1Ø837E	Ø384		4A
1	POWER SUBSTATION, AND HOUSING AREA. HSI-AN AREA, PROBABLE AIRCRAFT ENGINE PLANT	3423N 1Ø859E	Ø384 ·		3-B
25X1D	6.5 NM NORTH OF HSI-AN. RAIL-SERVED PLANT CONTAINS 4 ENGINE TEST CELLS AND 10 LARGE MONITOR-ROOF, 15 OTHER LARGE, AND NUMEROUS ASSOCIATED BUILDINGS. A SECURED, POSSIBLY ASSOCIATED STORAGE AREA WITH 20 REVETTED BUILDINGS OBSERVED IMMEDIATELY NE OF PLANT.			25X1A	3 3
25X1D 25X1D 25X1D	HSIEN-YANG AIRFIELD 6.8 NM NNE OF HSIEN-YANG. NO APPARENT CHANGE IN FACILITIES SINCE MISSION AIRCRAFT 8 COLT, 8 CAB, 2 BAT, AND ONE UNIDENTIFIED AIRCRAFT.	3427N 1Ø846E	Ø384	25X1A	4
2 5X1D	HSI-AN SAM SITE 25X1D 24 NM NORTH OF HSI-AN AND 3.8 NM NE OF SAN-YUAN AT 34-40-108 108-59-108-25X1D CONSTRUCTION ON OUTER LOOP ROAD AND ADDITION OF 3 PROBABLE LAUNCH POSITIONS OBSERVED SINCE	3440N 10859E	Ø384		11-A
25X1D	HAZE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION.				

25X1D

25X1D

25X1D

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Charles Inchilled	C	WAG	Installation Numbers		
City, Installation	Coordinates	WAC	BE	NPIC	
SAN-YUAN AIRFIELD 3.5 NM NE OF SAN-YUAN. NO APPARENT CHANGE IN FACILITIES SINCE MISSION AIRCRAFT NONE OBSERVED.	3441N 1Ø858E	Ø384.	25X1A	11	
HSIA-HO, PROBABLE RESEARCH INSTITUTE 85 NM SW OF LAN-CHOU AT HSIA-HO (COORDINATES APPROXIMATE). PROBABLE RESEARCH INSTITUTE COMPRISES MAIN AREA, HOUSING AREA, PROBABLE ADMINISTRATIVE/STORAGE AREA, AND 2 SMALL SECURED STORAGE AREAS. MAIN AREA CONTAINS 210 BUILDINGS DISPERSED ALONG SYMMETRICAL ROAD SYSTEM, HOUSING AREA, ONE NM SW OF MAIN AREA, CONTAINS 24 BARRACKS, MESS HALL, AND 6 ADMINISTRATIVE AND 12 SMALLER ASSOCIATED BUILDINGS. PROBABLE ADMINISTRATIVE/STORAGE AREA, IMMEDIATELY, NORTH OF MAIN AREA, CONTAINS 70 BUILDINGS. SMALL SECURED STORAGE AREA, ONE NM SOUTH OF MAIN AREA, CONTAINS 16 BUILDINGS. ADDITIONAL SMALL STORAGE AREA, 55 NM WEST OF MAIN AREA, CONTAINS 5 BUILDINGS.	3513N 10228E	Ø384 ·		38	
LIN-TAO AREA, MILITARY INSTALLATION INSTALLATION COMPRISES 2 SEPARATE AREAS. AREA A (EAST EDGE OF LIN-TAO) WALL-SECURED WITH 12 BARRACKS, 2 ADMINISTRATIVE BUILDINGS, MESS HALL, 10 SUPPORT BUILDINGS, AND PARADE/ATHLETIC FIELD. AREA B (1,500 YARDS NORTH OF AREA A)	3521N 10356E	Ø384.		41	

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NO FOREIGN DISSEM		J.,	Installation Numbers	
City, Installation	Coordinates	WAC	BE	NPIC
WALL-SECURED CONTAINING APPROXIMATELY 56 BARRACKS, 5 ADMINISTRATIVE AND NUMEROUS SMALL STORAGE/SUPPORT BUILDINGS, 3 LARGE AND 4 SMALL VEHICLE MAINTENANCE BUILDINGS, AND 2 VEHICLE PARKS WITH 3 SMALL PROBABLE UTILITY TRUCKS, 18 CARGO TRUCKS, AND 66 COVERED UNIDENTIFIED VEHICLES. LIN-HSIA AREA, BARRACKS AREA 2 NM SW OF LIN-HSIA. SECURED BARRACKS AREA CONTAINS 3 ADMINISTRATIVE, 6 T-SHAPED BARRACKS-TYPE, AND 10 L-SHAPED BARRACKS-TYPE BUILDINGS, 4 MESS HALLS, 2 T-SHAPED SUPPORT AND 3 L-SHAPED SUPPORT BUILDINGS, AND 5 STORAGE AND NUMEROUS SMALL STORAGE/SUPPORT-TYPE BUILDINGS. LIU-CHIA HSIA (GORGE), HYDROELECTRIC PWR PLT 13 NM NE OF YUNG-CHING AND APPROXIMATELY 21 NM FROM LAN-CHOU IN LIU-CHIA HSIA (GORGE) ON HUANG HO (RIVER).	3534N 1Ø3Ø2E 3558N 1Ø317E			6-A
LARGE DAM, IN EARLY STAGES OF CONSTRUCTION, AND EXTENSIVE SCARRING AND EXCAVATING ACTIVITY OBSERVED. LARGE HOUSING AND SUPPORT AREA OBSERVED IMMEDIATELY NORTH OF DAM SITE. LAN-CHOU AREA, EXPLOSIVES STORAGE 35 NM SE OF LAN-CHOU. NO APPARENT CHANGE SINCE	. 3544N 10415	Ø384		36

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	City, Installation	Coordinates		City, Installation Coordinates		City, Installation Coordinates WAC		WAC	AC Installation Num	
		 		-	BE	NPIC				
	LIN-TUNG AIRFIELD 4.8 NM WEST OF LIN-TUNG. 5,835 X 170 FT NE/SW RUNWAY, PROBABLE ASPHALT, SERVICEABLE. FACILITIES INCLUDE PARALLEL TAXIWAY WITH 4 CROSSOVER LINKS ON SE SIDE OF RUNWAY, 3	3423N	1Ø9Ø7E	Ø385	25X1A	15.				
25X1D	CONCRETE PARKING APRONS, DISPERSAL AREA WITH 13 HARDSTANDS AT NE END OF RUNWAY, DISPERSAL AREA WITH 13 HARDSTANDS AT SW END OF RUNWAY, 2 HANGARS AND SEVERAL SHOPS NEAR SW END OF RUNWAY, SUPPORT AREA WITH APPROXIMATELY 120 BUILDINGS ONE NM SOUTH OF RUNWAY, SECURED AMMUNITION STORAGE 1.5 NM EAST OF RUNWAY, AND SECURED RAIL—SERVED POL STORAGE AREA ONE NM. SE OF RUNWAY.									
25X1D 25X1D	YEN-LIANG AIRFIELD 3.6 NM SSE OF YEN-LIANG. NO APPARENT CHANGE IN FACILITIES SINCE AIRCRAFT NONE OBSERVED.	3439N	10916E	Ø385	25X1A	21				
25X1D	HUA-YIN AREA, POSSIBLE MILITARY BARRACKS 7 NM SSE OF HUA-YIN ON NORTH SIDE OF RELOCATED RAILROAD LINE. AREA CONTAINS APPROXIMATELY 250 BARRACKS-TYPE, ONE LARGE ADMINISTRATIVE, AND 25 SUPPORT BUILDINGS.	3433N	11016E	Ø385		12 - B .				

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	City, Installation	Coord	linates	WAC	BE	NPIC
25X1D	TUNG-KUAN AREA, RAILROAD REALIGNMENT NEW RAILROAD OBSERVED SOUTH OF OLD ALIGNMENT FROM APPROXIMATELY 34-31N 104-42E TO LIMIT OF PHOTOGRAPHIC COVERAGE AT 34-31N 110-23E. RAILROAD CLASSIFICATION YARD (12 TRACKS AND 5,500 FT LONG) WITH APPROXIMATELY 300 RAILROAD CARS OBSERVED AT 34-34N 110-12E.	3435N	11015E	Ø385	25X1A	12-C
	YUNG-CHI AIRFIELD 4 NM.NE.OF.YUNG-CHI. AIRFIELD SITE ABANDONED WITH FORMER RUNWAY	3453N	11Ø23E	Ø385	25/1/4	23
25X1D	UNSERVICEABLE。	2942N	11557E	Ø493	25X1A	, 7-B :
25X1D	CHIU-CHIANG AIRFIELD SOUTH ONE NM WSW OF CHIU-CHIANG. AIRFIELD, AS ANNOTATED ON USATC SERIES 200, SHEET S0493-12A, 1ST ED, APR 59, NOT OBSERVED. SITE OCCUPIED BY LIGHT INDUSTRY.				25X1A	
 	CHIU-CHIANG COMPLEX COMPLEX, ON SOUTH BANK OF THE CHANG CHIANG (RIVER) AND APPROXIMATELY 5 SQ MI IN AREA, COMPRISES NUMEROUS LIGHT INDUSTRIES, RAILROAD CLASSIFICATION YARD WITH 23 BOX CARS, AND SMALL PORT WITH 3 COAL BARGES. ONE 350 FT CARGO SHIP, ONE 200 FT CARGO SHIP, ONE FLOATING CRANE, AND NUMEROUS SMALL CRAFT. THREE LIGHT INDUSTRIES OBSERVED APPROXIMATELY 5 NM SSE OF COMPLEX.	2944N	11559E	0493		7-C
25X1D						SECE

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	City, Installation	Coo	Coordingtes		Coordingtes W/		Coordinates WAC		installat	nstallation Numbers	
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	CHIU-CHIANG SATELLITE AIRFIELD 2.5 NM SOUTH OF CHIU-CHIANG. 4.000 X 160 FT N/S GRADED EARTH RUNWAY, SERVICEABLE.	294ØN	116ØØE	Ø493	25X1A	7					
25X1D	SHAN-PO AIRFIELD 1.7 NM WEST OF SHAN-PO. 7.800 X 160 FT NE/SW CONCRETE RUNWAY, SERVICEABLE, WITH PARALLEL TAXIWAY NORTH OF RUNWAY AND DISPERSAL AREA EAST OF RUNWAY.	3005N	11419E	Ø493	25X1A	47					
25X1D	TA-YEH COMPLEX COMPLEX, 2.5 SQ MI IN AREA, IS PRIMARILY RESIDENTIAL WITH NO MAJOR INDUSTRIES. RAILROAD BED UNDER CONSTRUCTION, ORIGINATING AT SHENG-HUNG-CHING (30-12N 114-54E), PASSES THROUGH AND TERMINATES 2.5 NM SE OF COMPLEX.	3ØØ5N	11457E	Ø493	25X1A	34-∆					
5X1D 5X1D	SHENG-HUNG-CHING, MINING & DRE PROC COMPLEX 10 NM SW OF CHIU-CHIANG AT SHENG-HUNG-CHING. NO APPARENT CHANGE SINCE	3Ø12N	11454E	Ø493		56					
	WU-CHANG AIRFIELD 2 NM SSE OF WU-CHANG. 5,600 X 160 FT N/S CONCRETE RUNWAY, SERVICEABLE. FORMER E/W RUNWAY UNSERVICEABLE WITH WEST END IN USE AS PARKING AREA AND REMAINDER BADLY DETERIORATED.	3030N	11418E	Ø493	25X1A	38-B:					

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Co. Landlar	C 1: .	WAG	Installation Numbers		
City, Installation	Coordinates	WAC	BE	NPIC	
FACILITIES INCLUDE 2 SMALL BUILDINGS ON EAST END OF FORMER RUNWAY. AIRCRAFT ONE CAB, ONE CRATE, 6 COLT, AND 6 UNIDENTIFIED SINGLE-ENGINE AIRCRAFT.					
WU-CHANG AREA, RADAR SITE 5 NM ESE OF WU-CHANG. (FORMERLY DESIGNATED TU-CHENG RADAR.) NO APPARENT CHANGE SINCE 25X1D	3031N 11423E	Ø493		36	
WU-CHANG SHIPYARD IN WU-CHANG AT CONFLUENCE OF HSUN-SSU AND CHANG RIVERS. NO APPARENT CHANGE IN FACILITIES SINCE MISSION VESSELS 4 PC AT ANCHOR NEAR SHIPYARD AND SEVERAL BARGES UNDER CONSTRUCTION ON BUILDING WAYS. (NO SUBMARINE ACTIVITY OBSERVED.)	3Ø32N 11417E	Ø 493	25X1A	38-A	
HANKOW AIRFIELD 3 NM NW OF HAN-KOU. NO APPARENT CHANGE SINCE EXCEPT UNOCCUPIED 4-GUN AAA SITE OBSERVED 1.2 NM WEST OF RUNWAY AND 10 TRUCKS OBSERVED ON PARKING APRONS. AIRCRAFT — 54 FAGOT/FRESCO (ONE WITH TAIL SECTION REMOVED), ONE COOT, AND ONE COLT.	3Ø35N 11414E	Ø493 ·		1 <i>6</i> -A	

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	Coordinates		Installation Numbers	
	rainares	WAC	BE	NPIC
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		-		
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3Ø52N	1142ØE	Ø493		1Ø-C
	3045N	3035N 11417E 3045N 11420E	3045N 11420E Ø493	3035N 11417E 0493

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. [City, Installation	Coordinates	WAC	BE	NPIC
25X1D 25X1D	AMMUNITION STORAGE AREAS, AND MANEUVER AREA. SHIH-HUI-YAO COMPLEX COMPLEX, APPROXIMATELY 5 SQ MI IN AREA AND SITUATED ON CHANG CHIANG (RIVER), COMPRISES MINOR RIVER PORT FACILITIES, RAILROAD YARDS AND SHOPS. AND MINOR INDUSTRIES.	3Ø13N 115Ø6E	Ø493 ·	25X1A	29
25X1D	HUA-YUAN MILITARY ACTIVITY NE EDGE OF HUA-YUAN。 PROBABLE MILITARY HEADQUARTERS COMPRISES 6 AREAS WITH APPROXIMATELY 200 BARRACKS AND 15 ADMINISTRATIVE-TYPE AND NUMEROUS SUPPORT BUILDINGS。	3Ø55N 11354E	Ø494		22
25X1D	HSIAO-KAN AREA, LANDING STRIP 2.5 NM NORTH OF HSIAO-KAN. 3,100 X 150 FT NE/SW CRUSHED ROCK (WITH BLACKTOP PATCHES) LANDING STRIP, SERVICEABLE, WITH 475 FT EXTENSION UNDER CONSTRUCTION AT SW END. AIRCRAFT 10 POSSIBLE COLT.	3Ø57N 11354E	Ø494		6
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APPENDIX

EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City</u>, <u>Installation</u> -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

<u>Coordinates</u> -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC}}$ -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The installation numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target number 0493-1 and an NPIC target number 0494-1. In each instance, the NPIC installation number is 1, but the installations appear on difference WACs.

The photo reference indicates frame (s) on which the target appears and conditions which affect interpretation of the target.

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